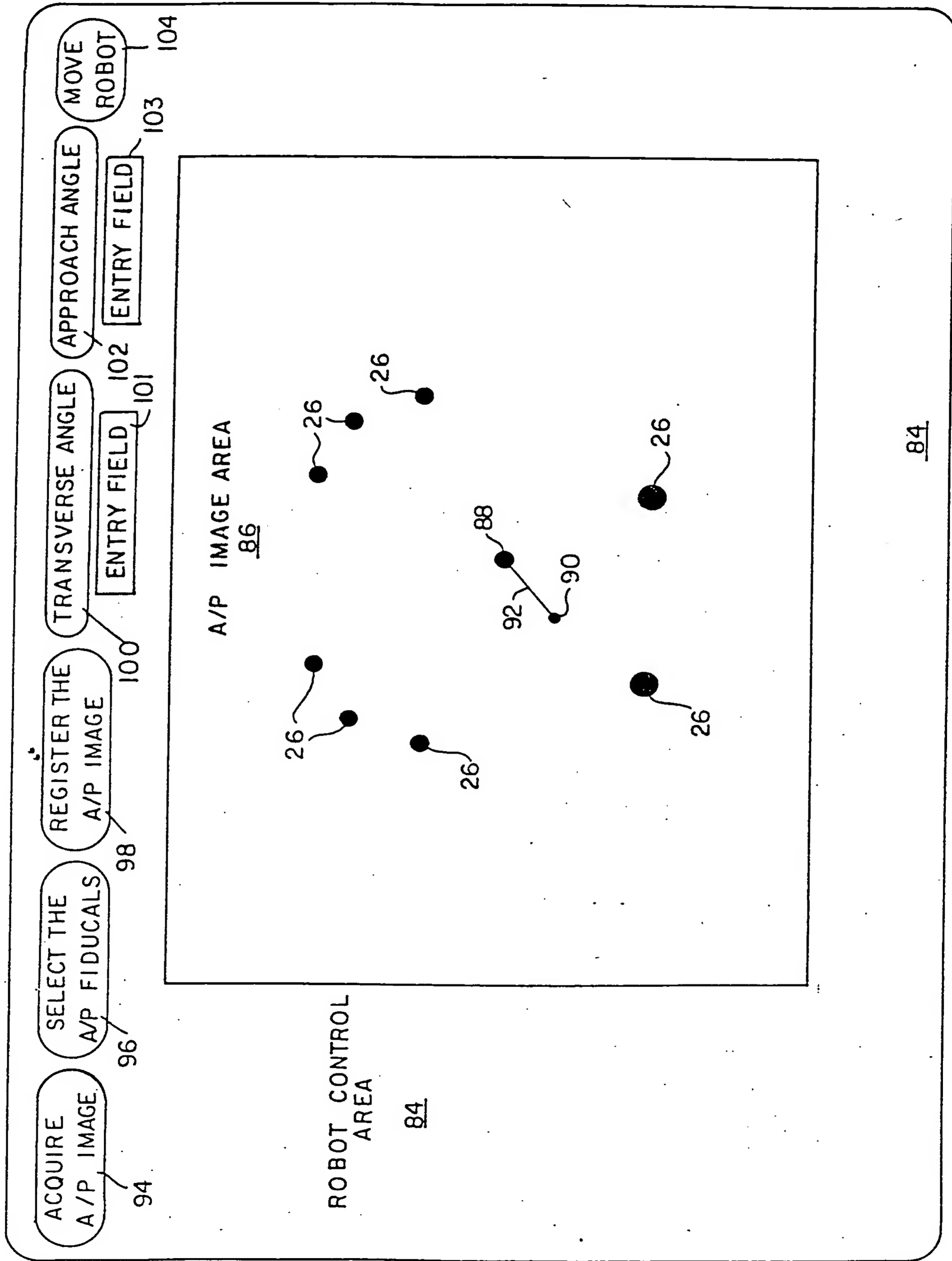


The diagram illustrates a dental X-ray imaging system 10. A mobile X-ray unit 12 is shown with a curved arm 16 that supports an X-ray tube 20 and a detector assembly 22. The detector assembly 22 includes a collimator 24, a grid 32, and a detector 34. A patient 14 is positioned on a table 36 with a headrest 38. A control console 40 is connected to the system, featuring a control panel 42 with buttons 44 and 46, and a display 54. A power supply unit 53 is also connected. A separate view shows a close-up of the detector assembly 22 with a detector 26 and a collimator 28.

FIG. 2

29 Figures



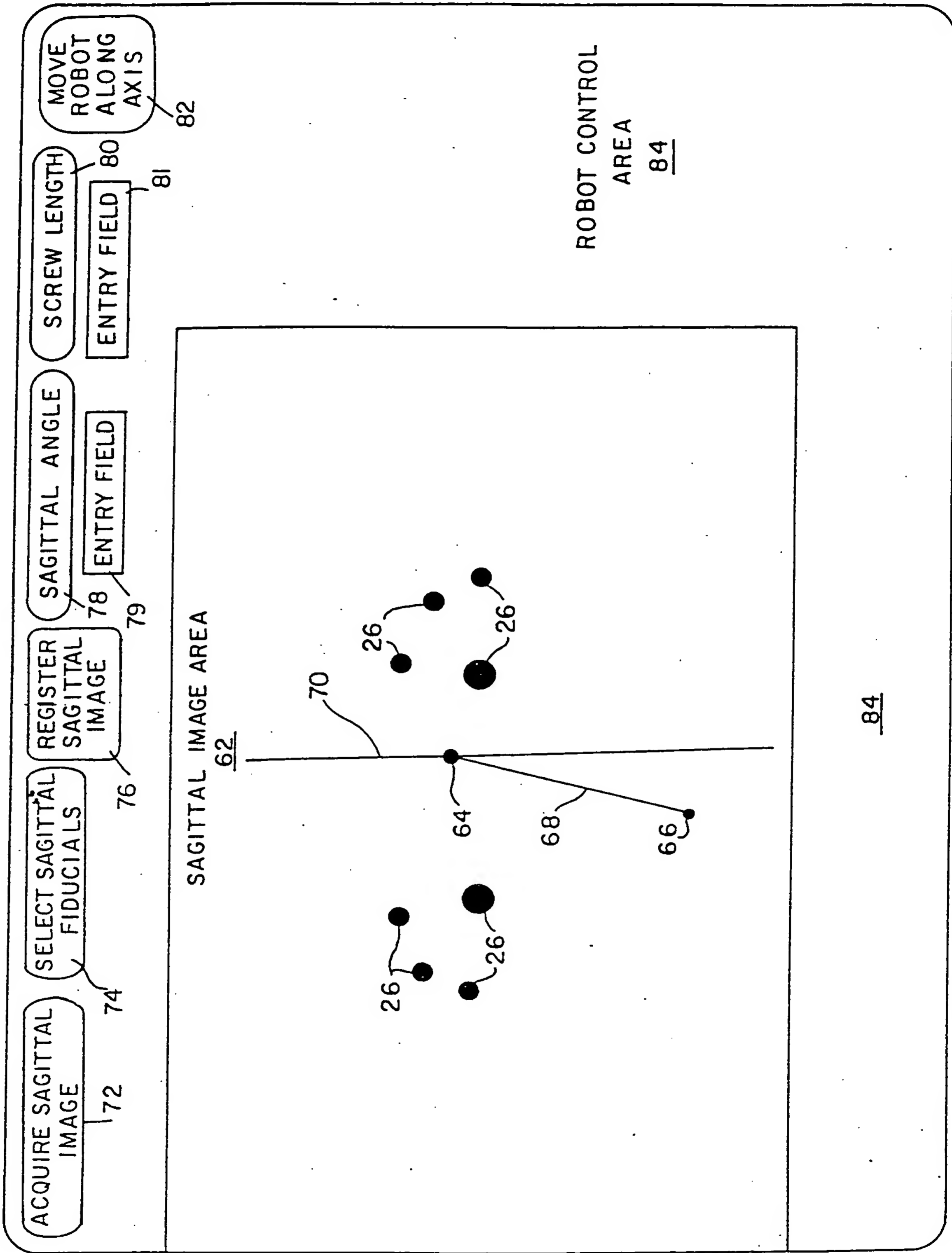
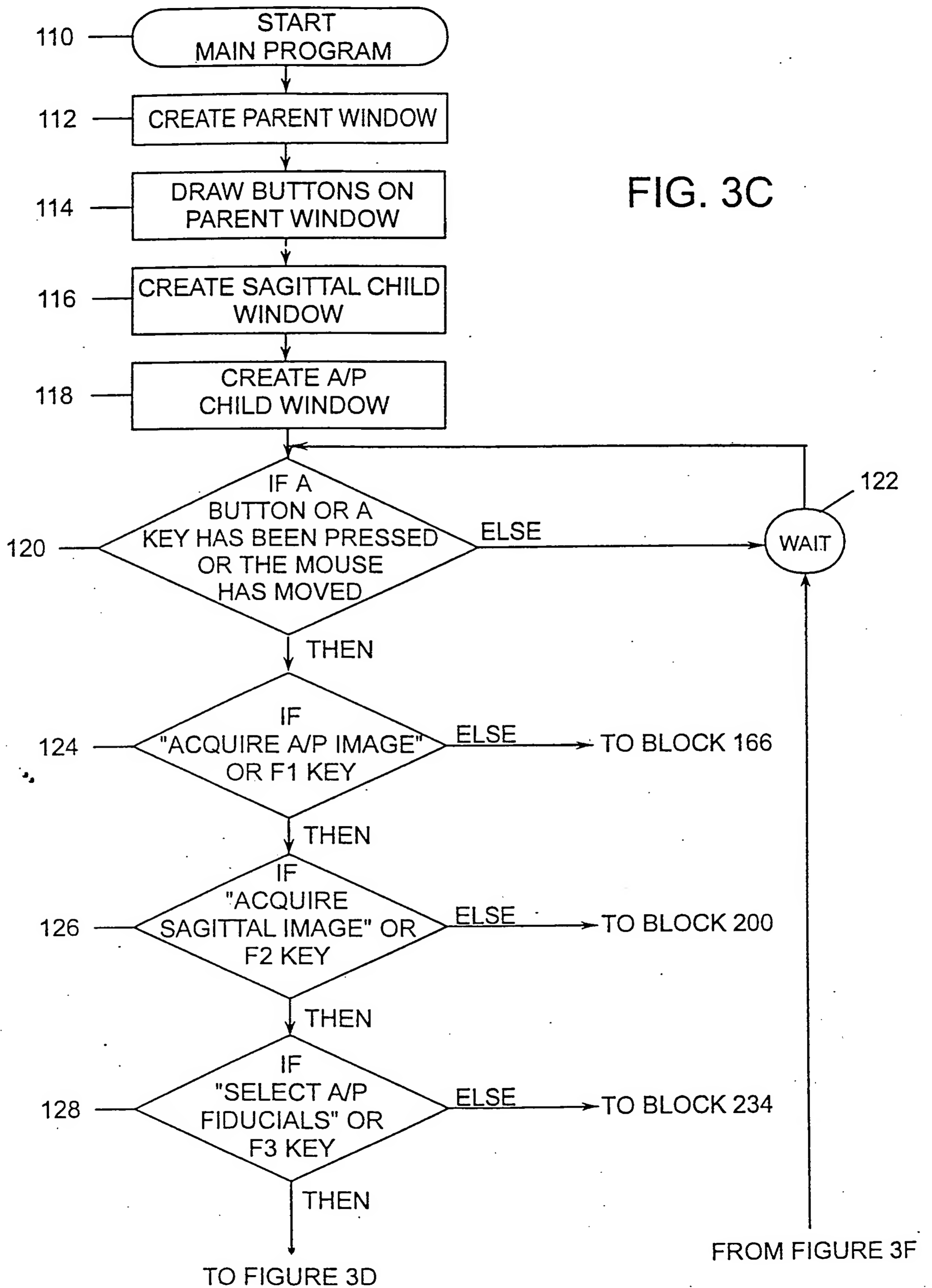
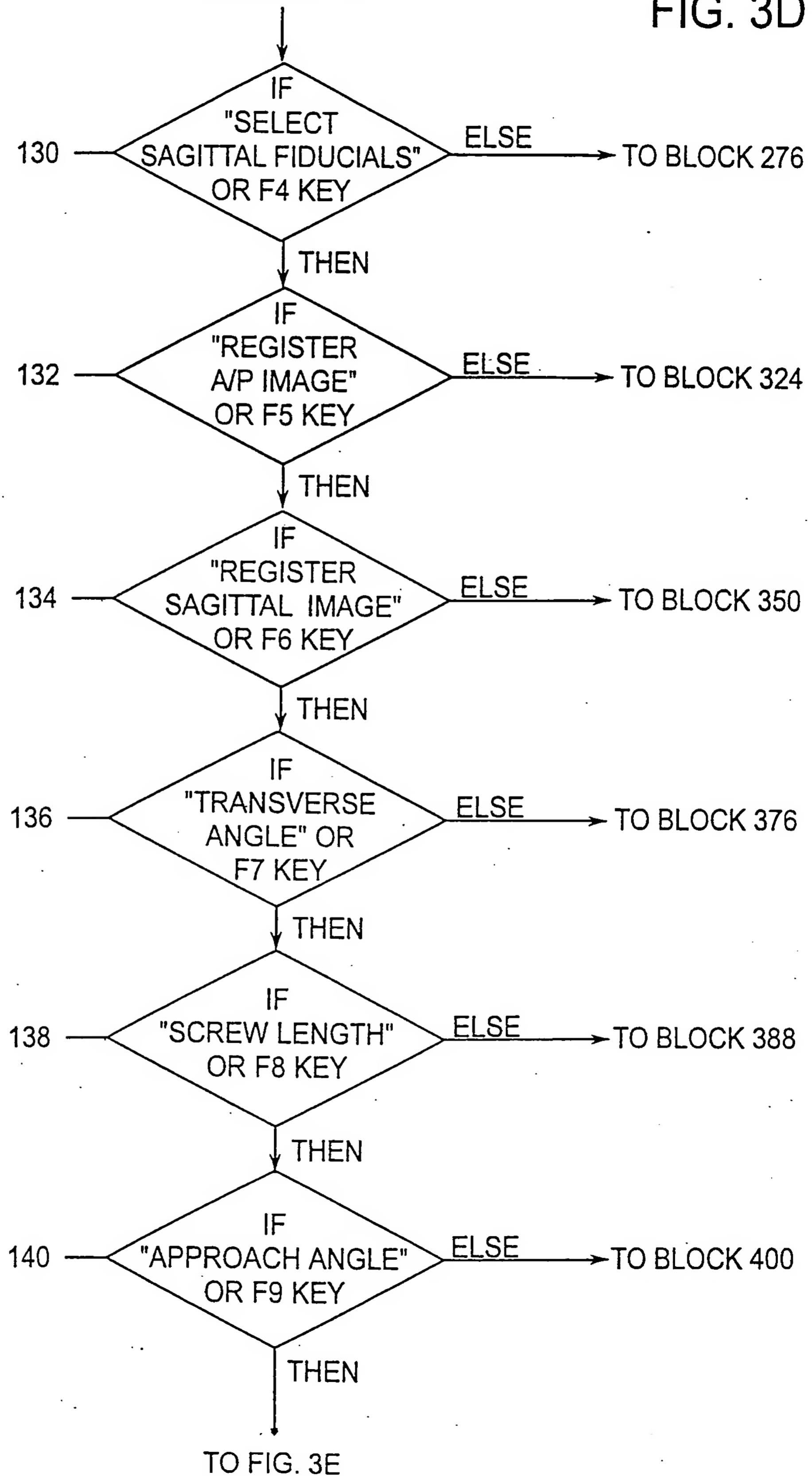


FIG. 3b



FROM FIG. 3C

FIG. 3D



FROM FIG. 3D

FIG. 3E

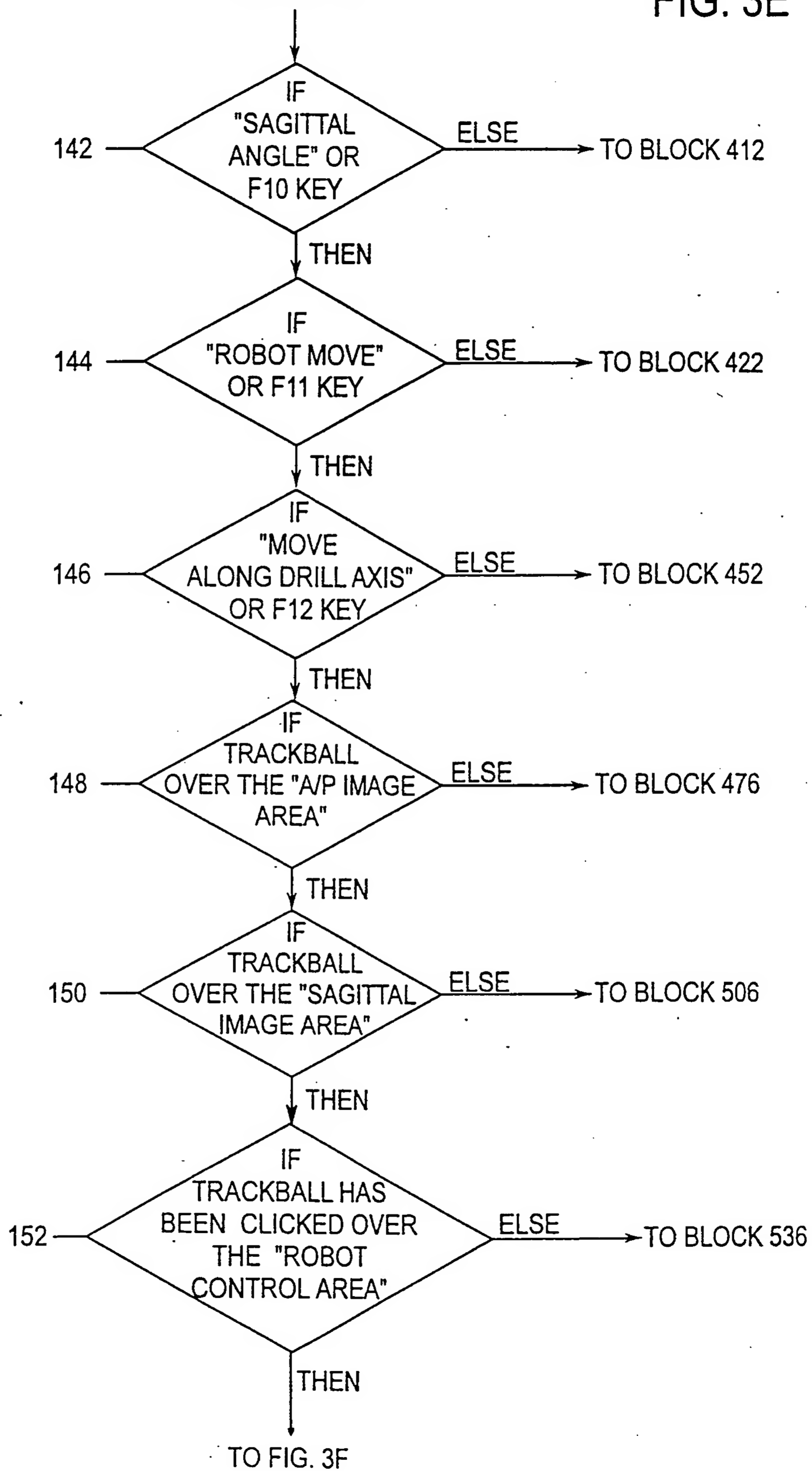


FIG. 3F

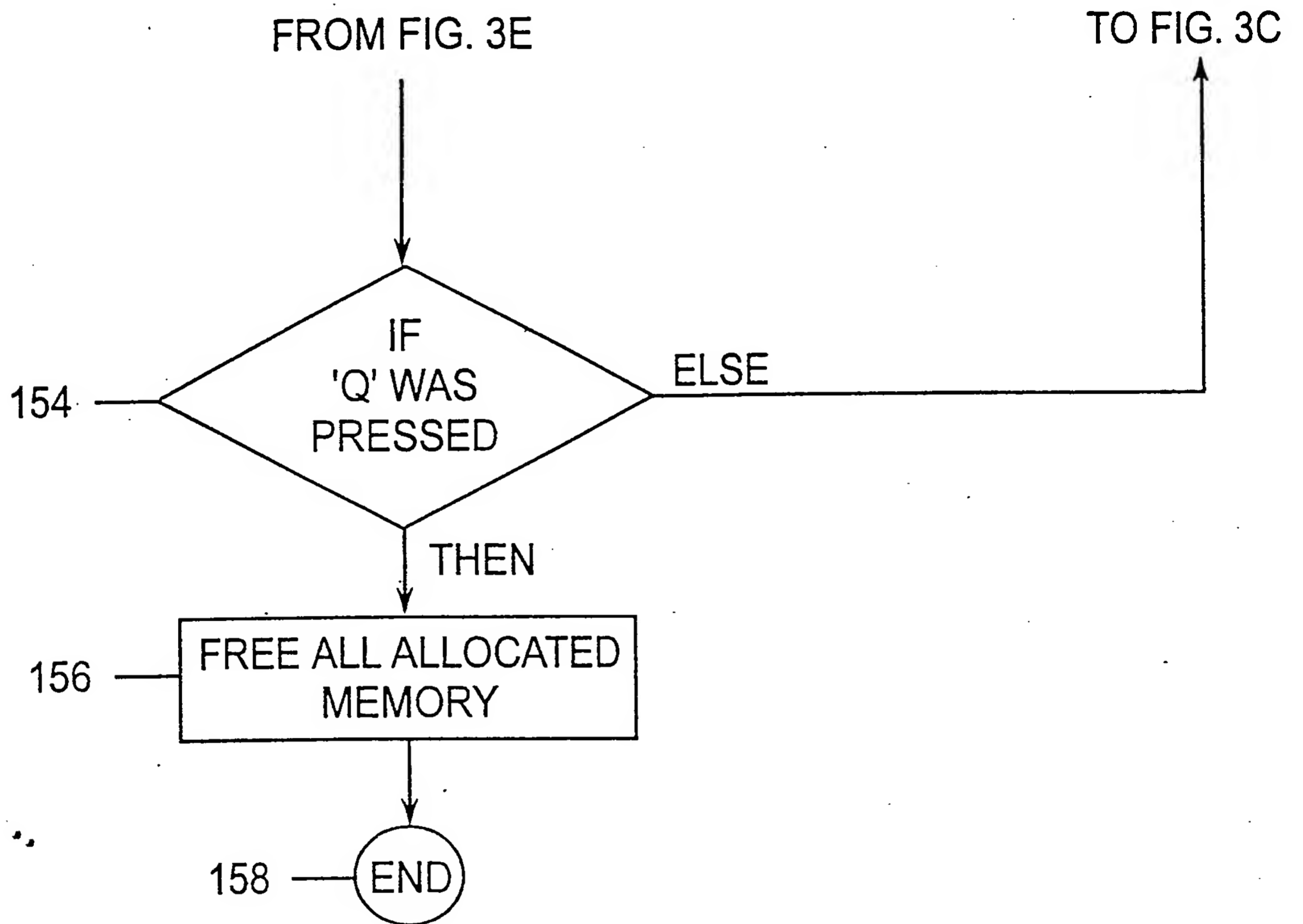
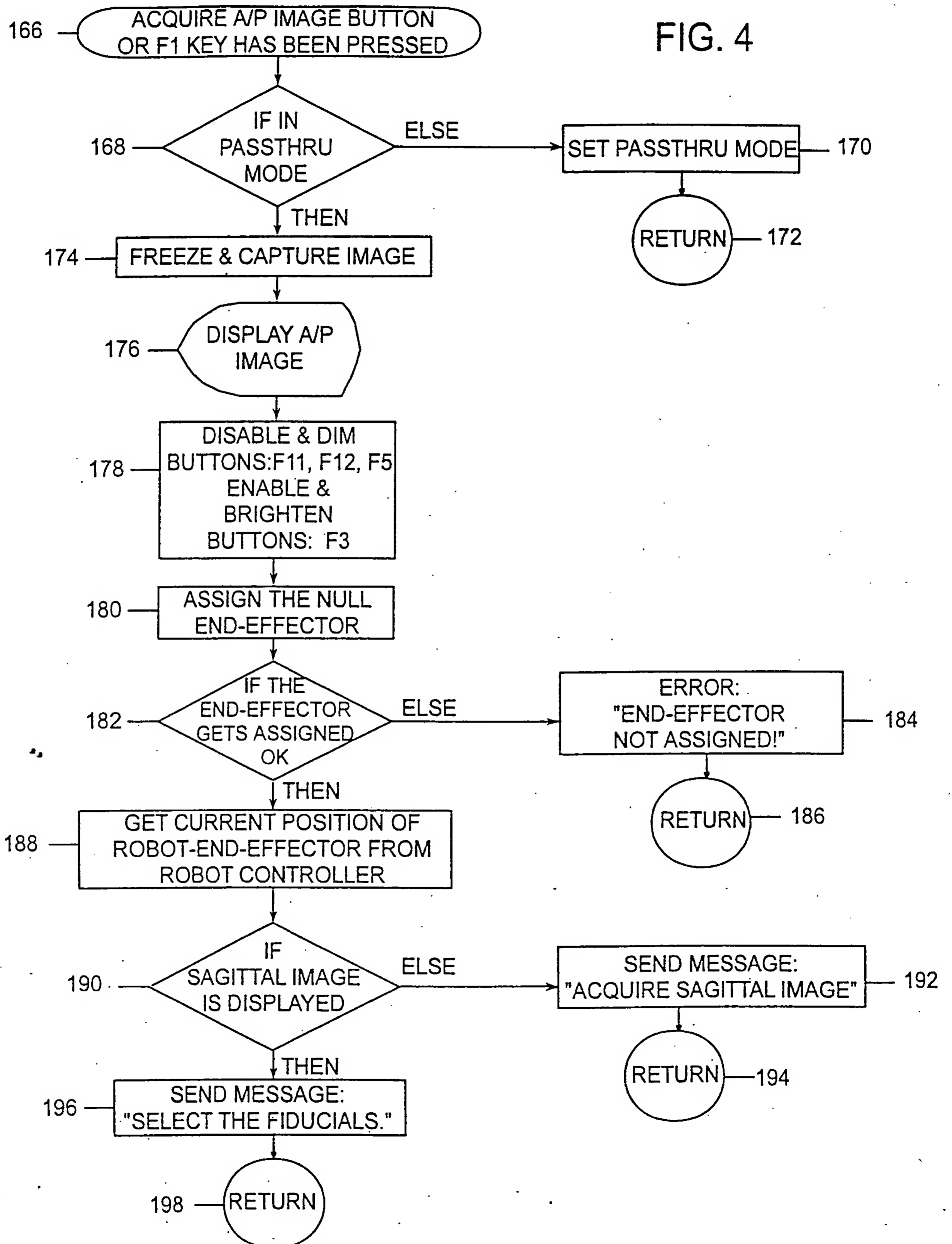


FIG. 4



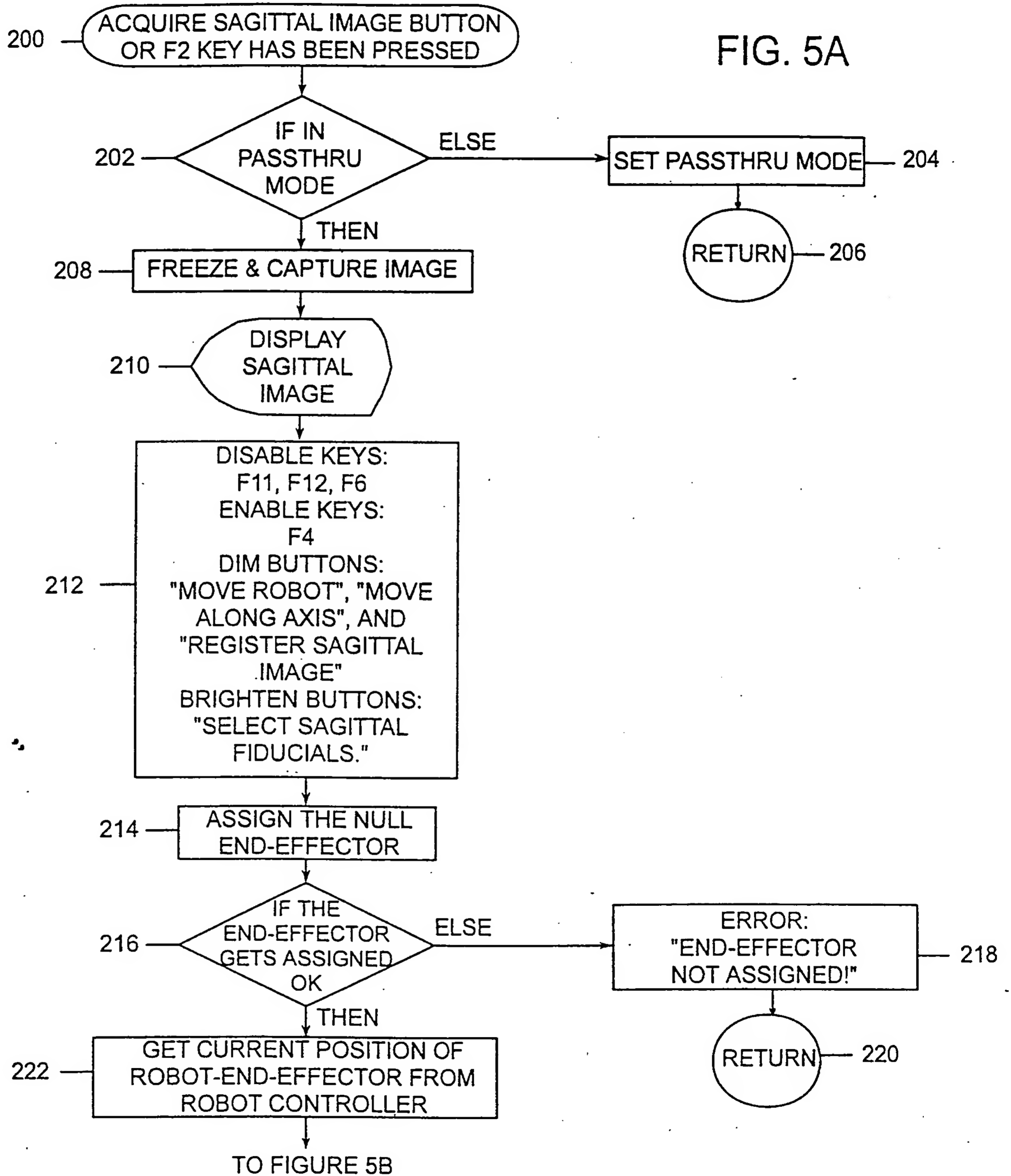


FIG. 5B

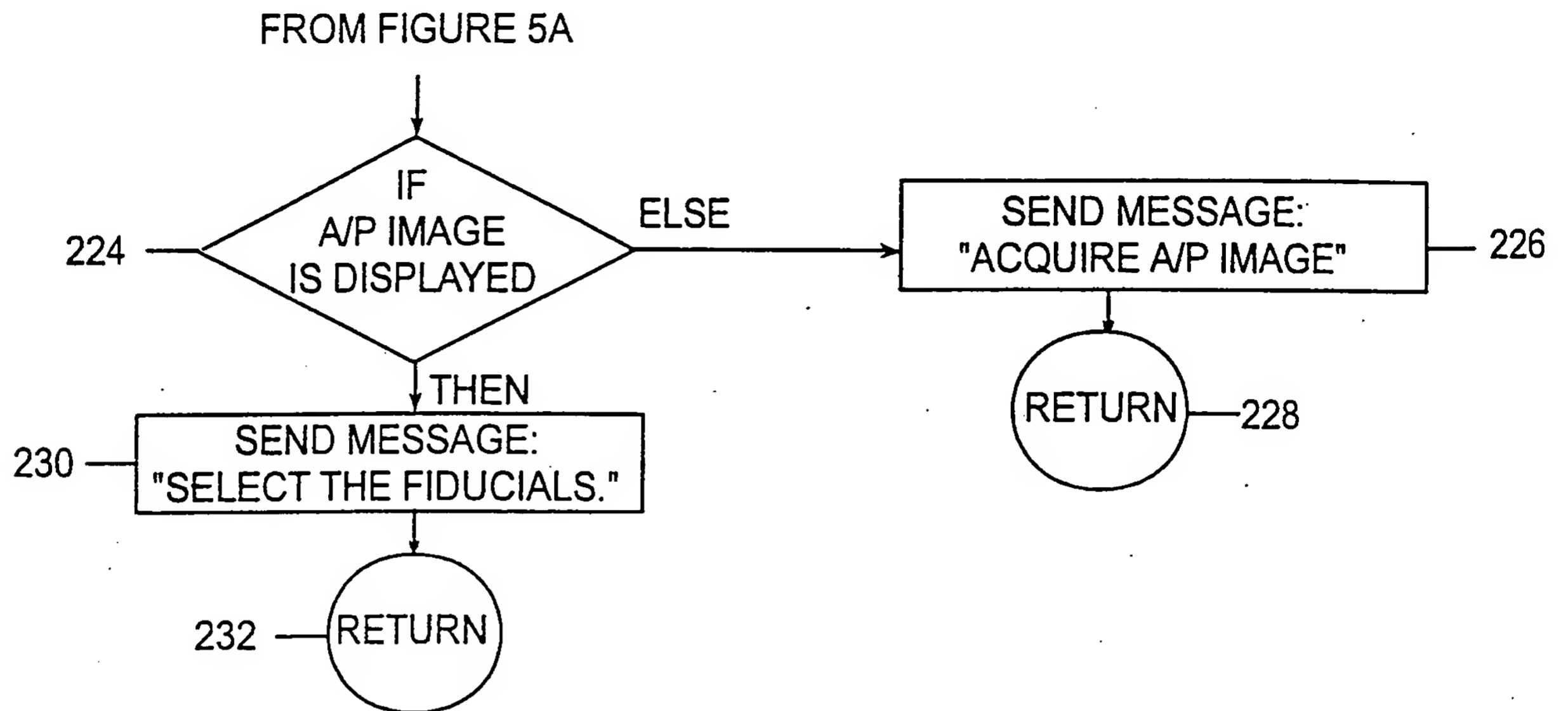


FIG. 6A

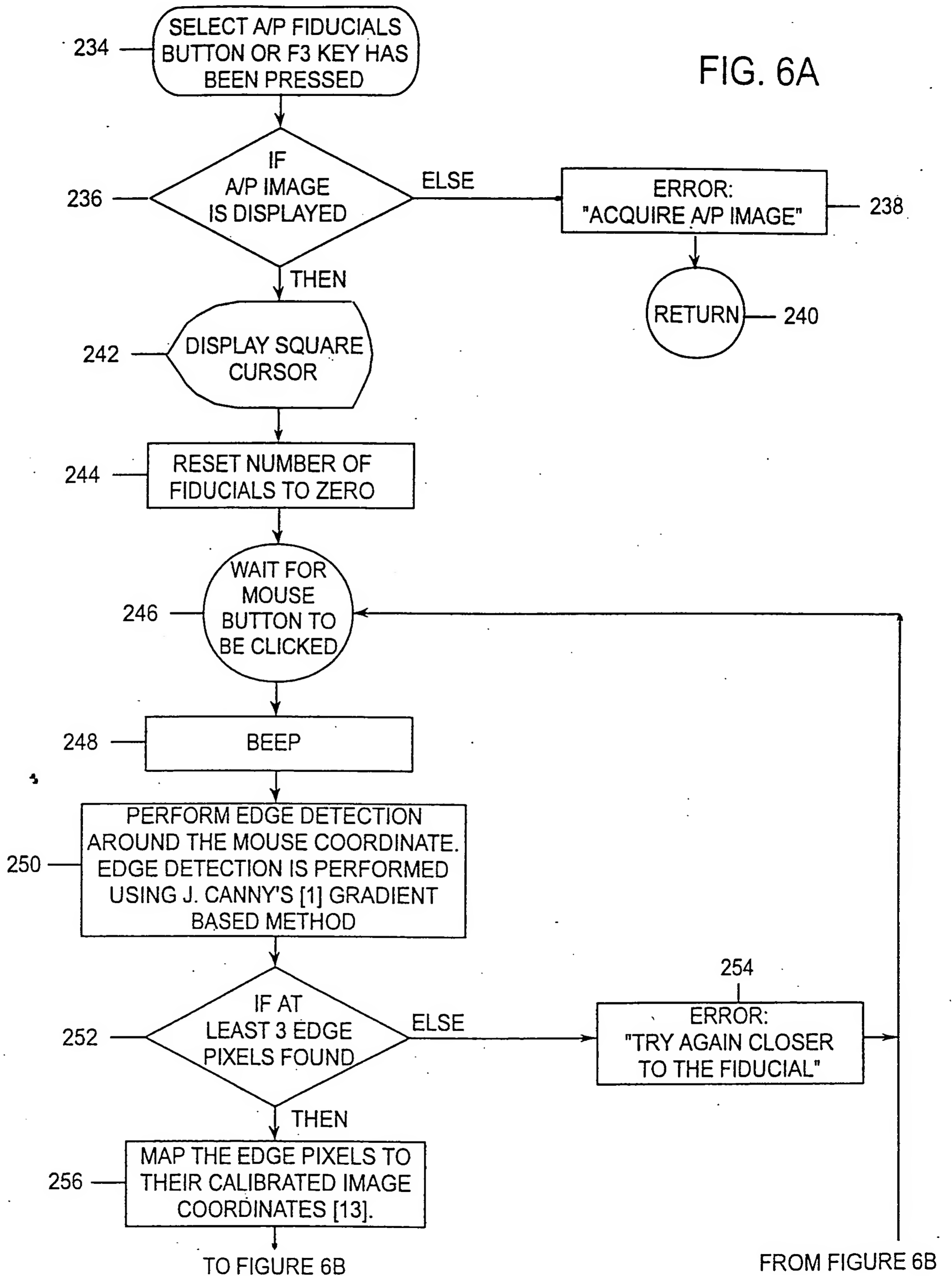


FIG. 6B

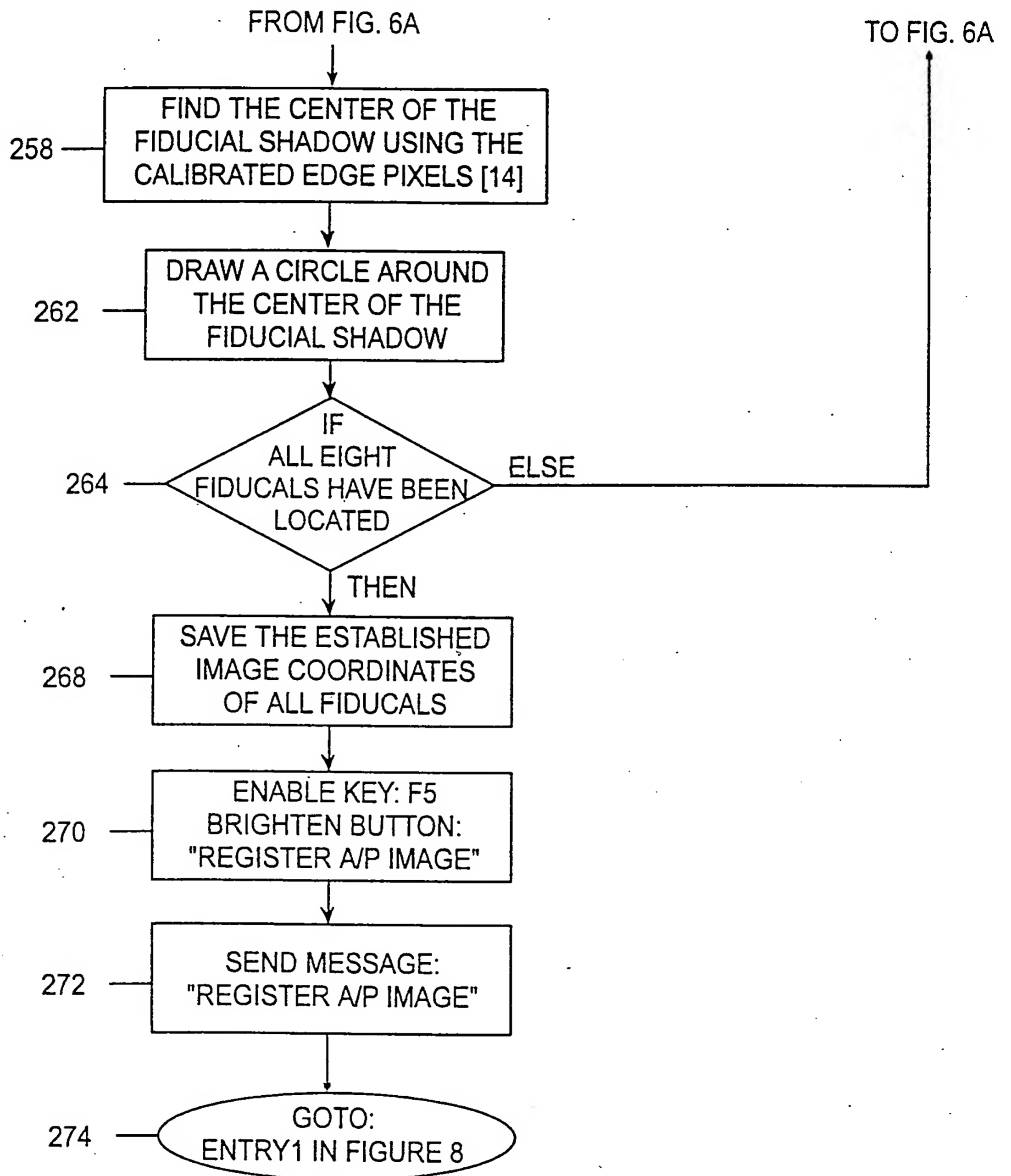


FIG. 7A

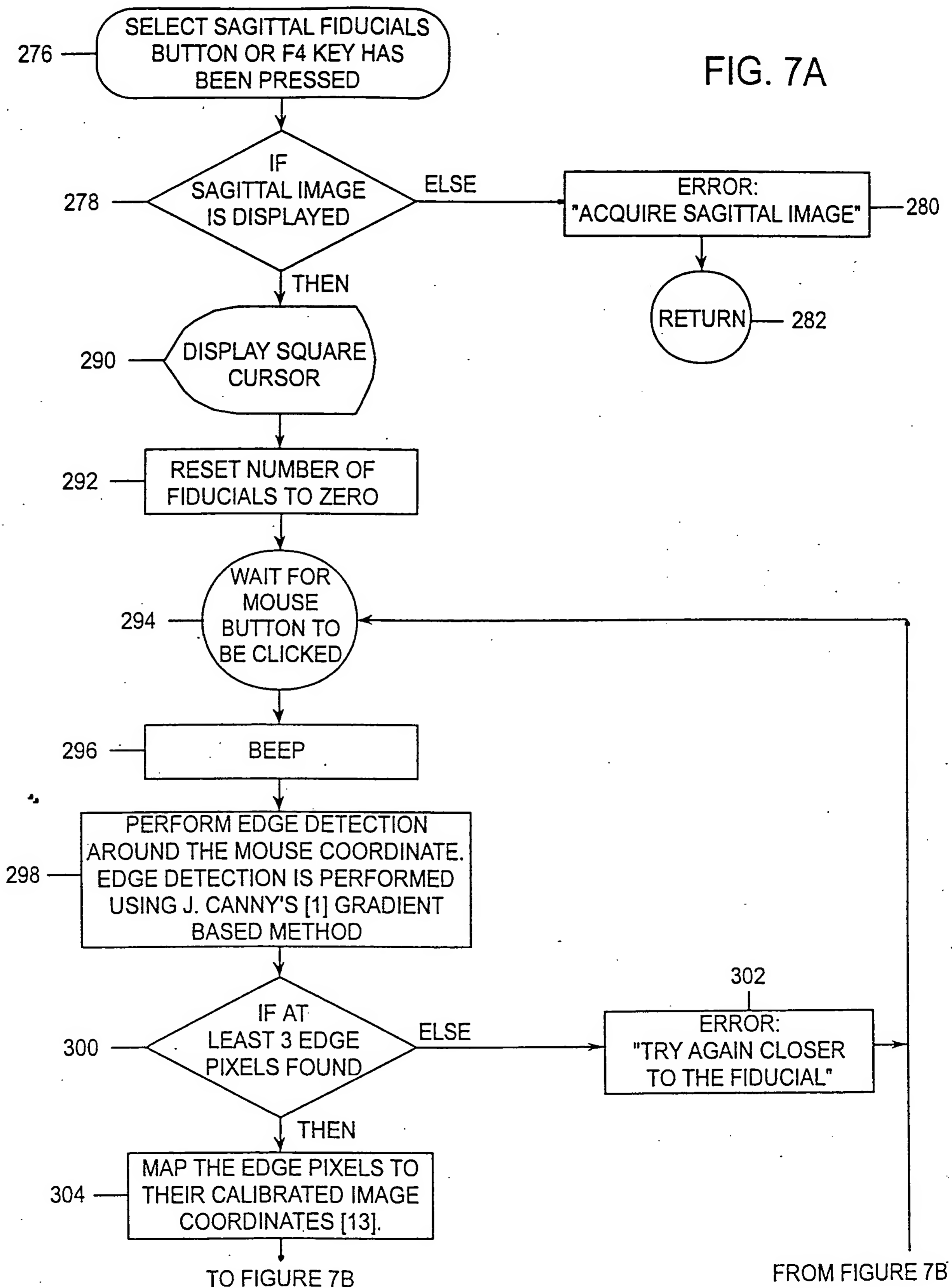


FIG. 7B

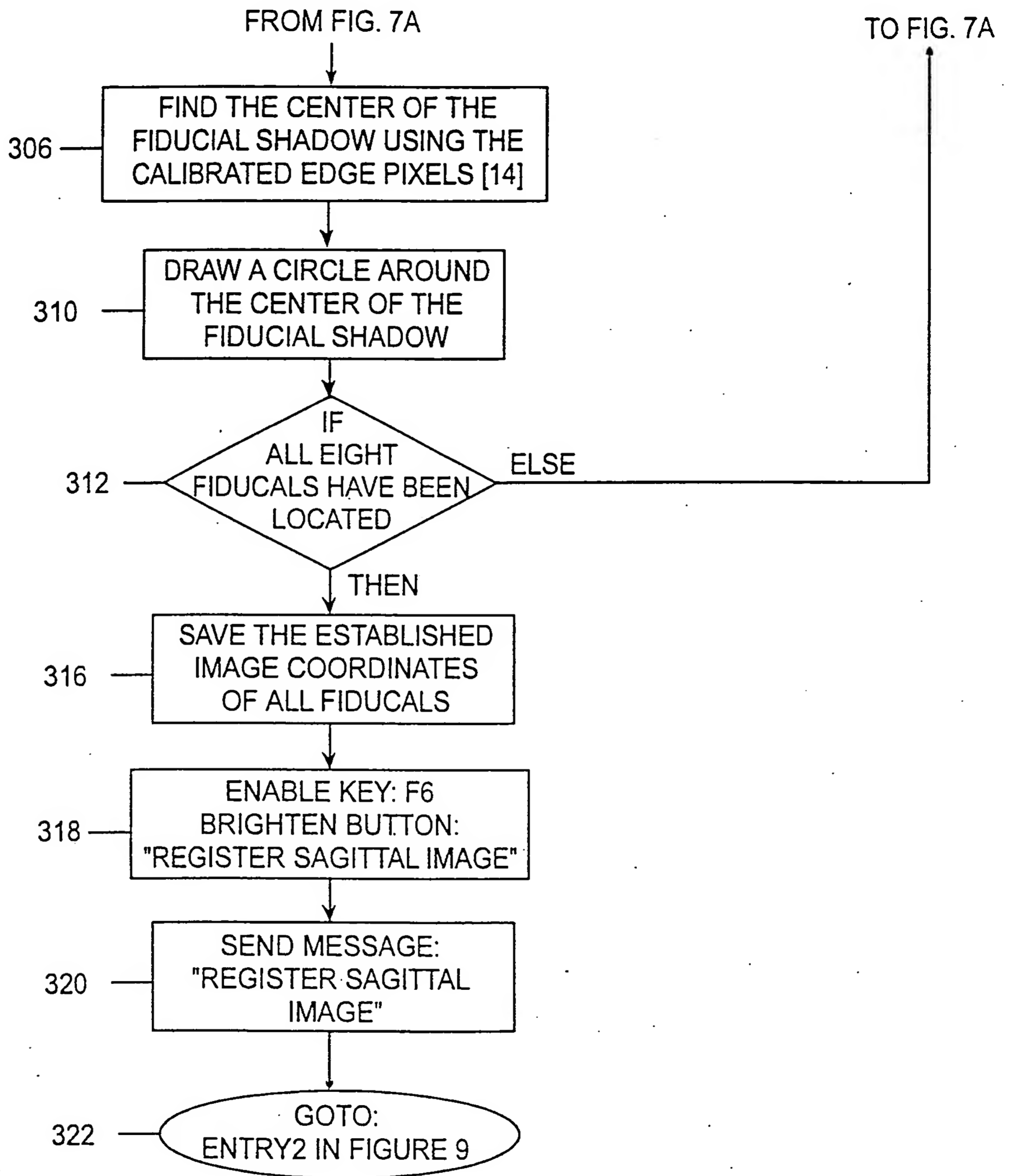


FIG. 8

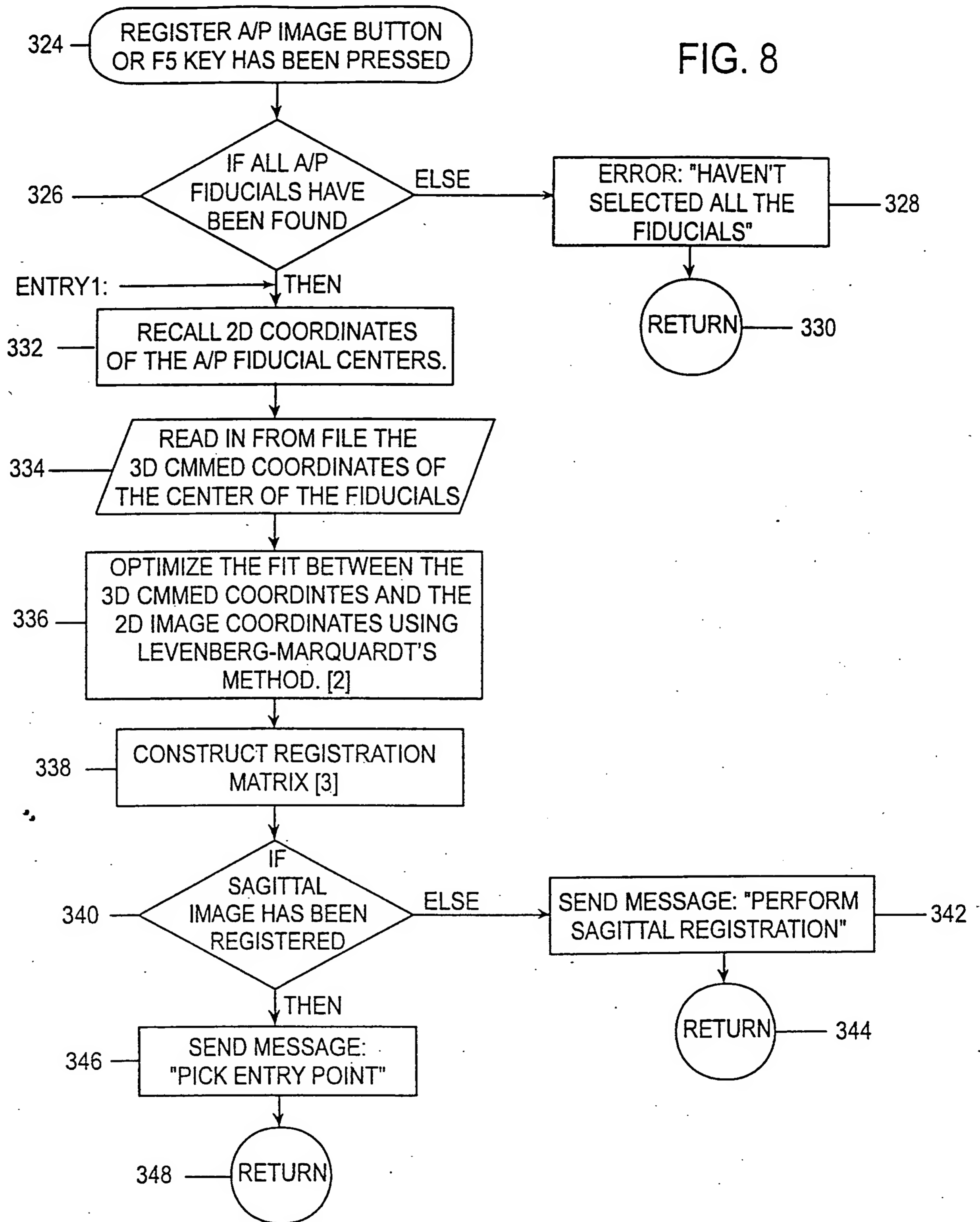
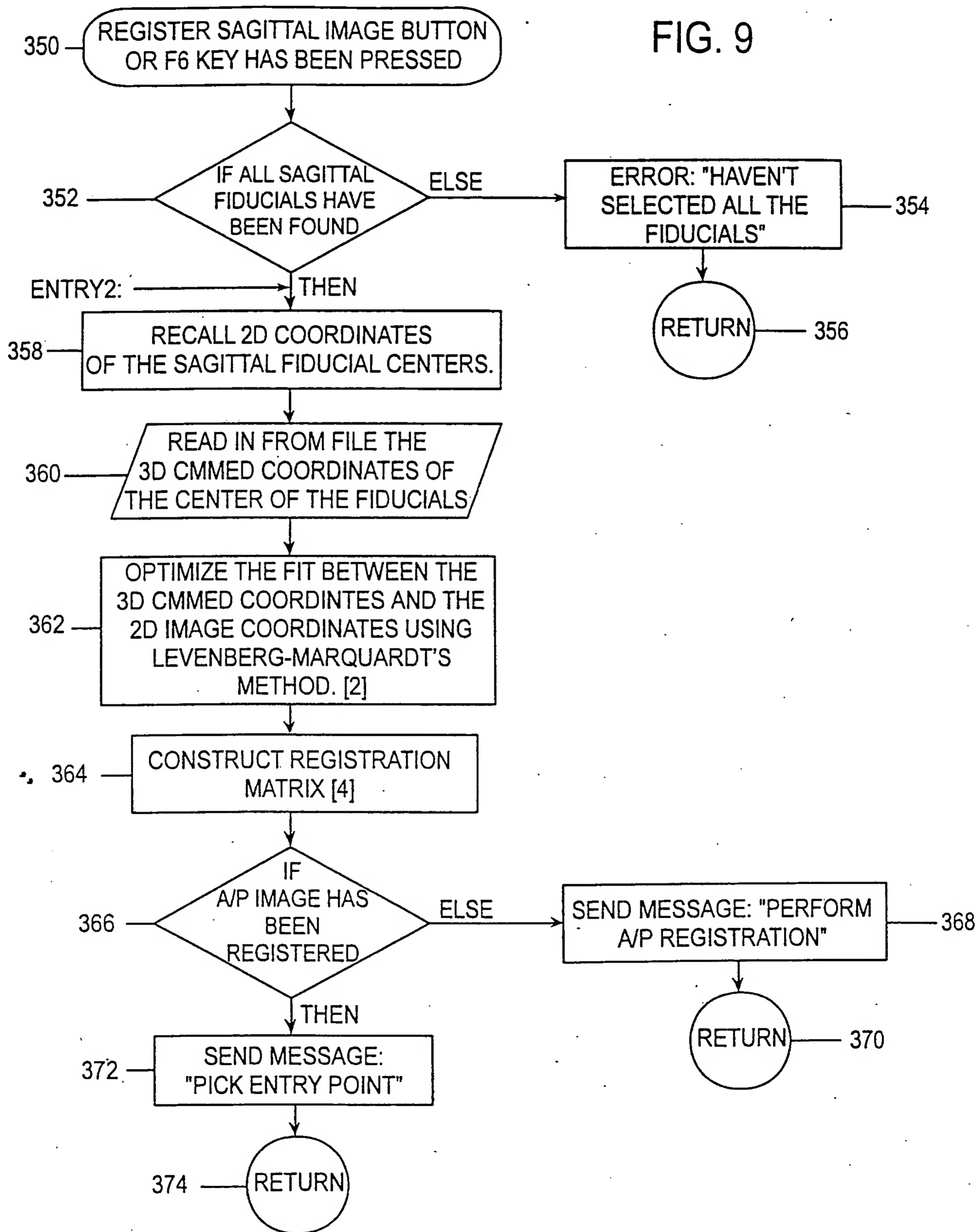


FIG. 9



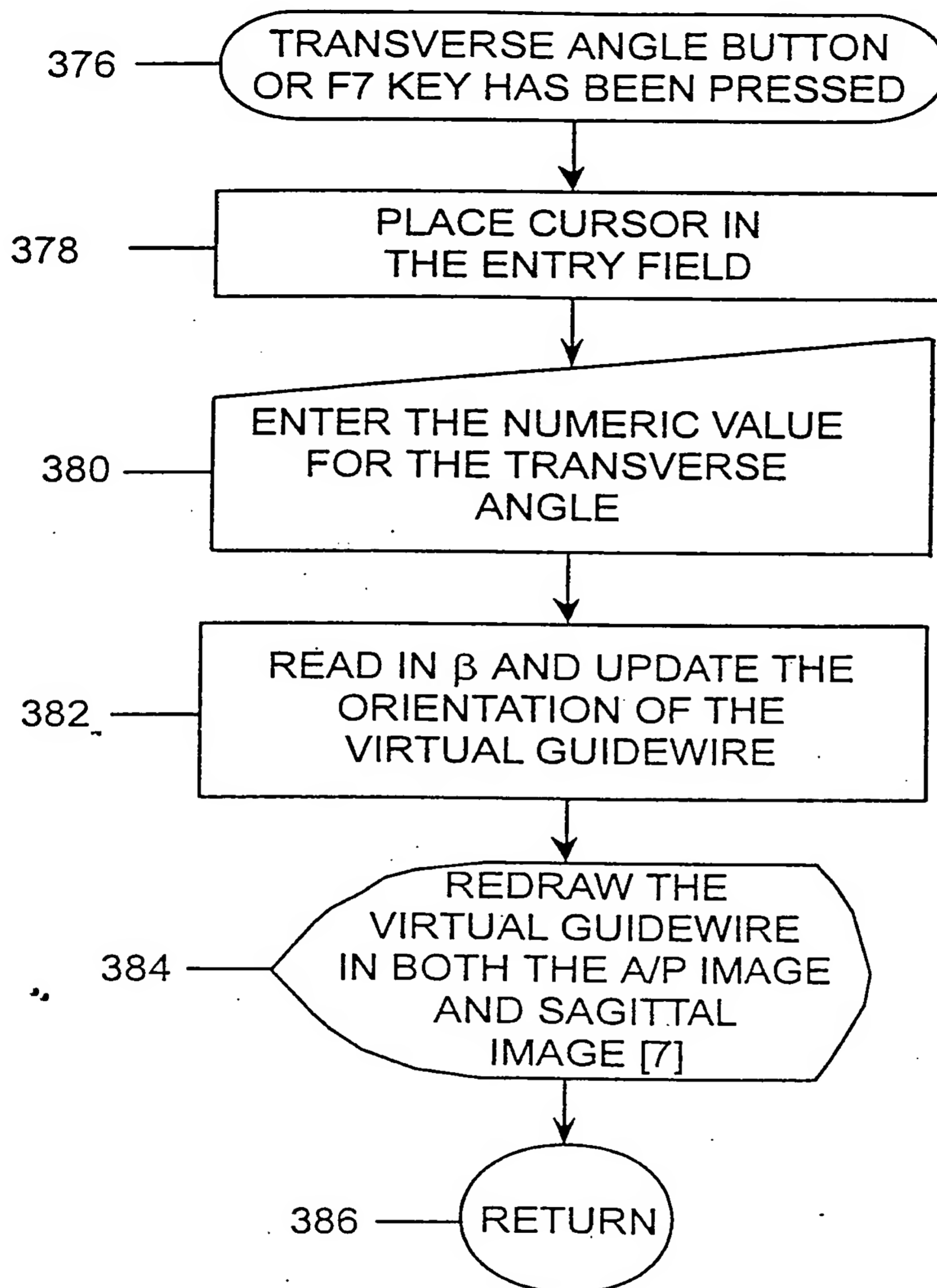


FIG. 10

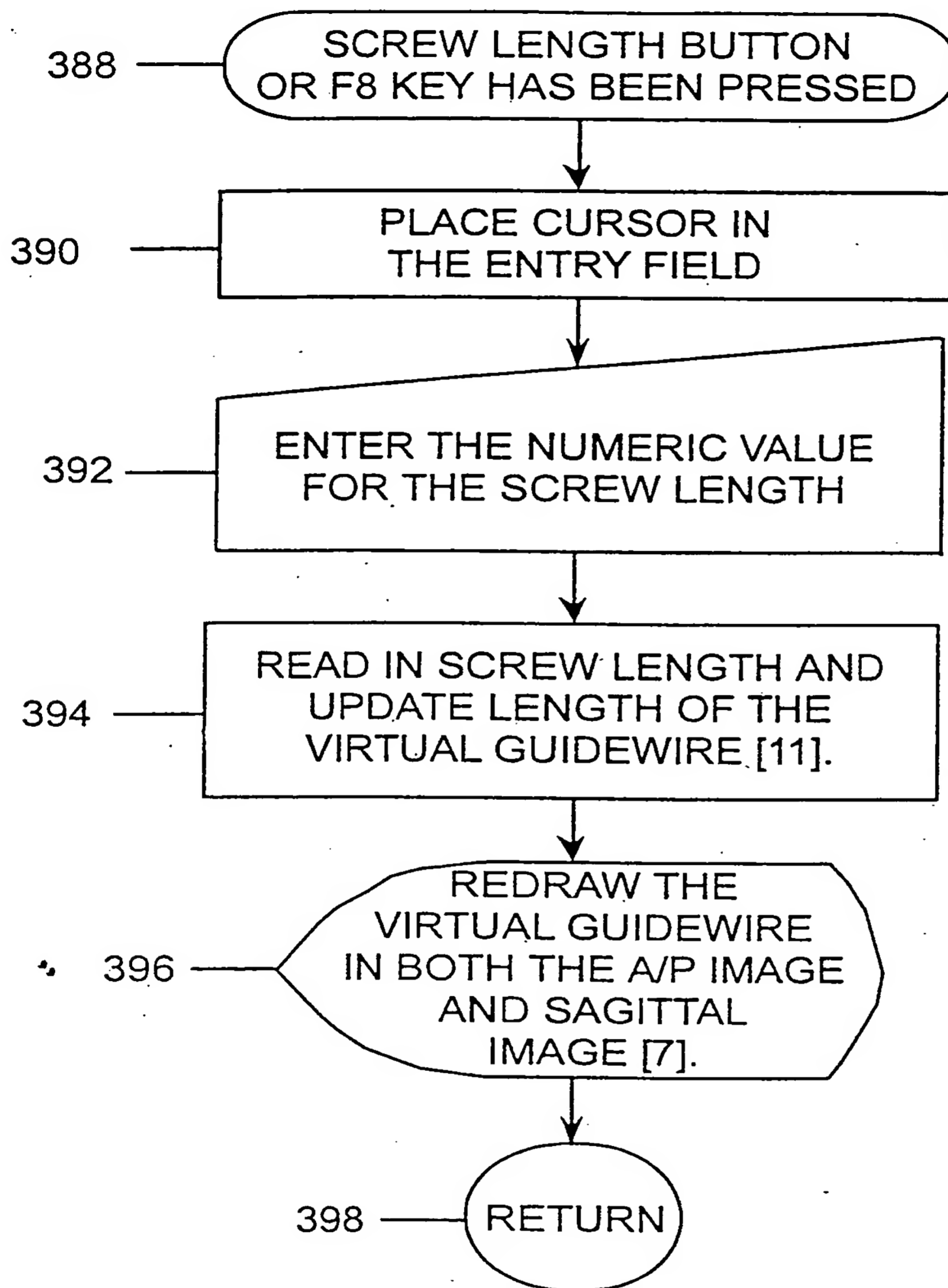
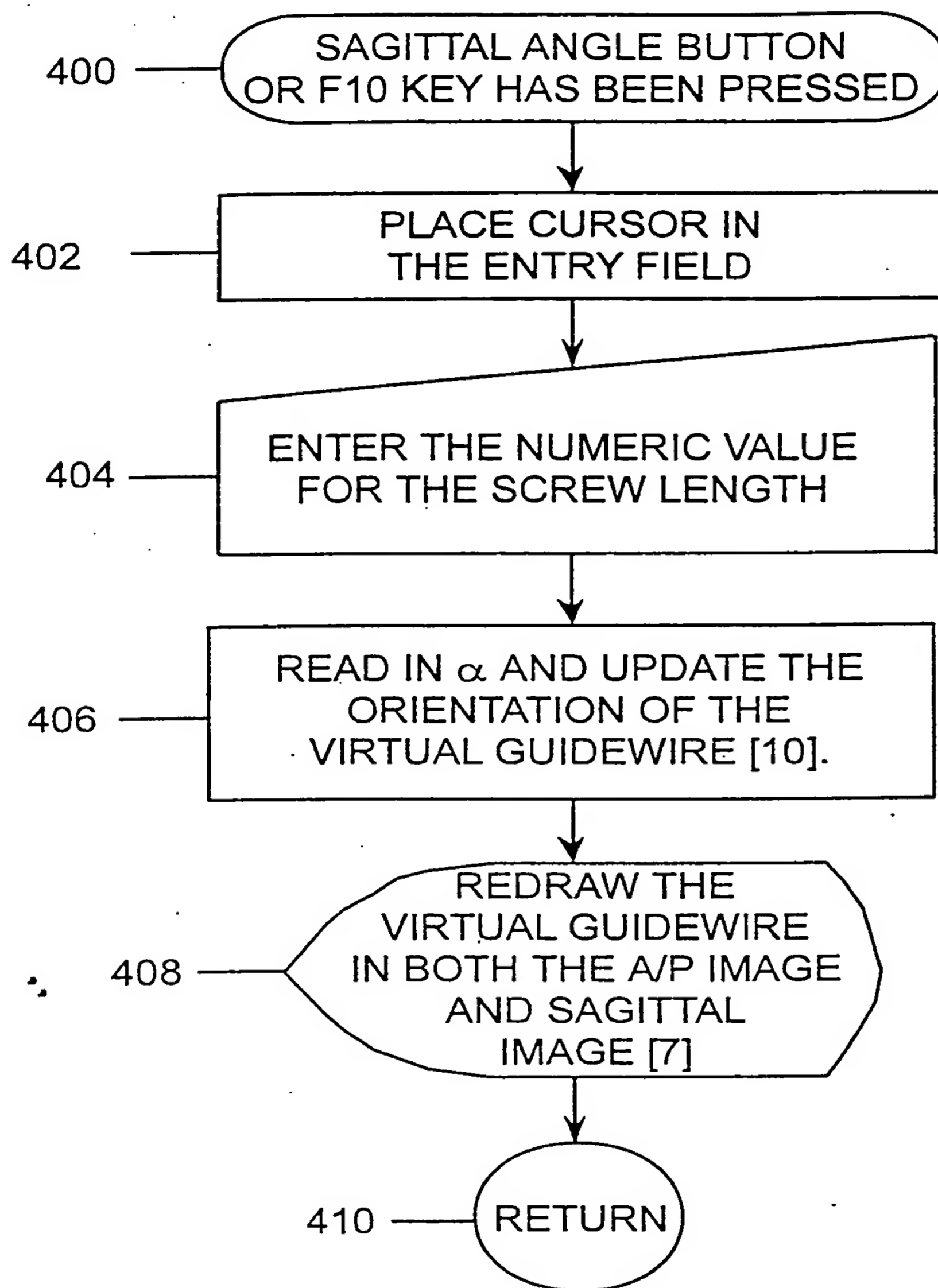


FIG. 11

FIG. 12



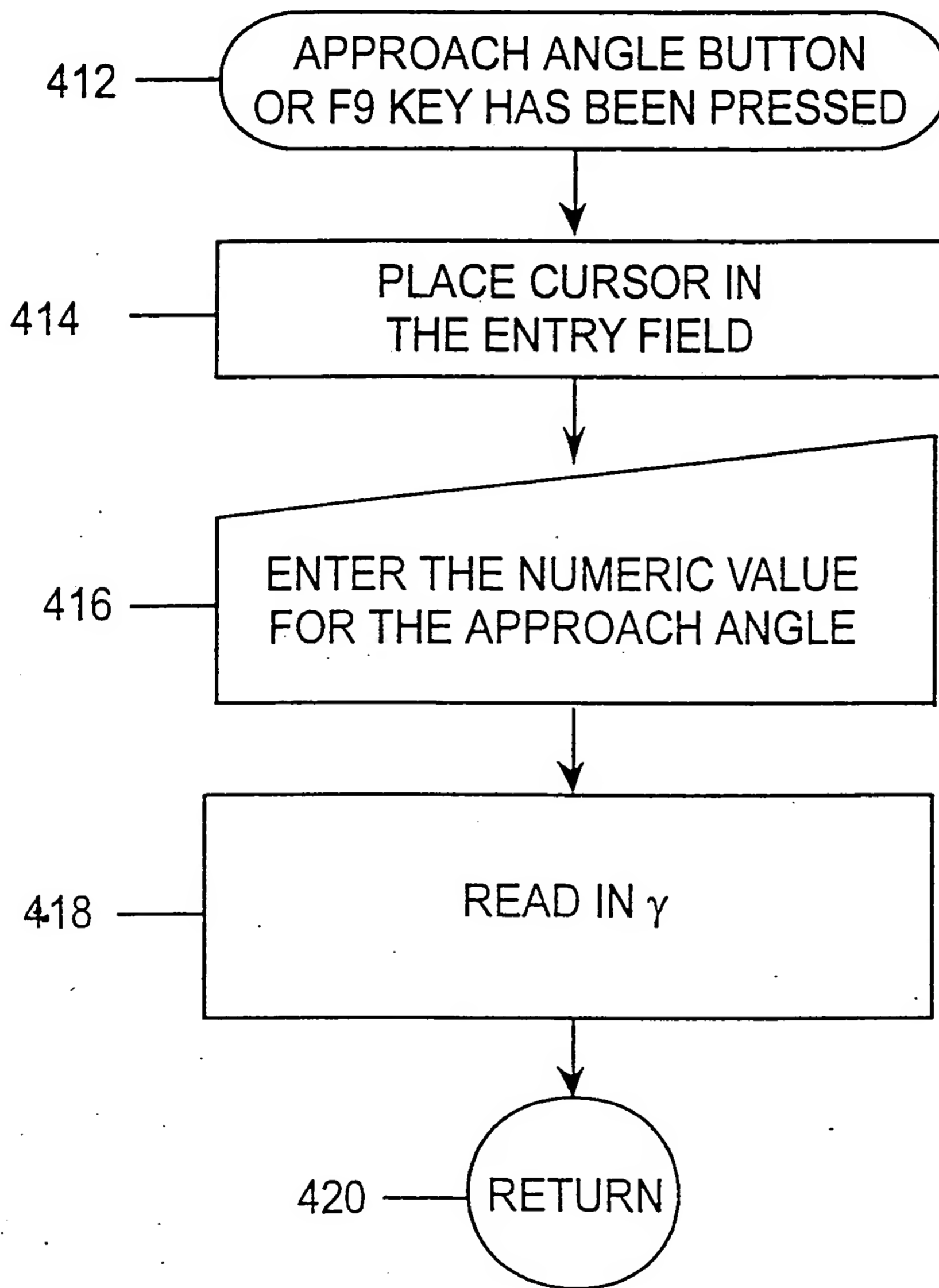


FIG. 13

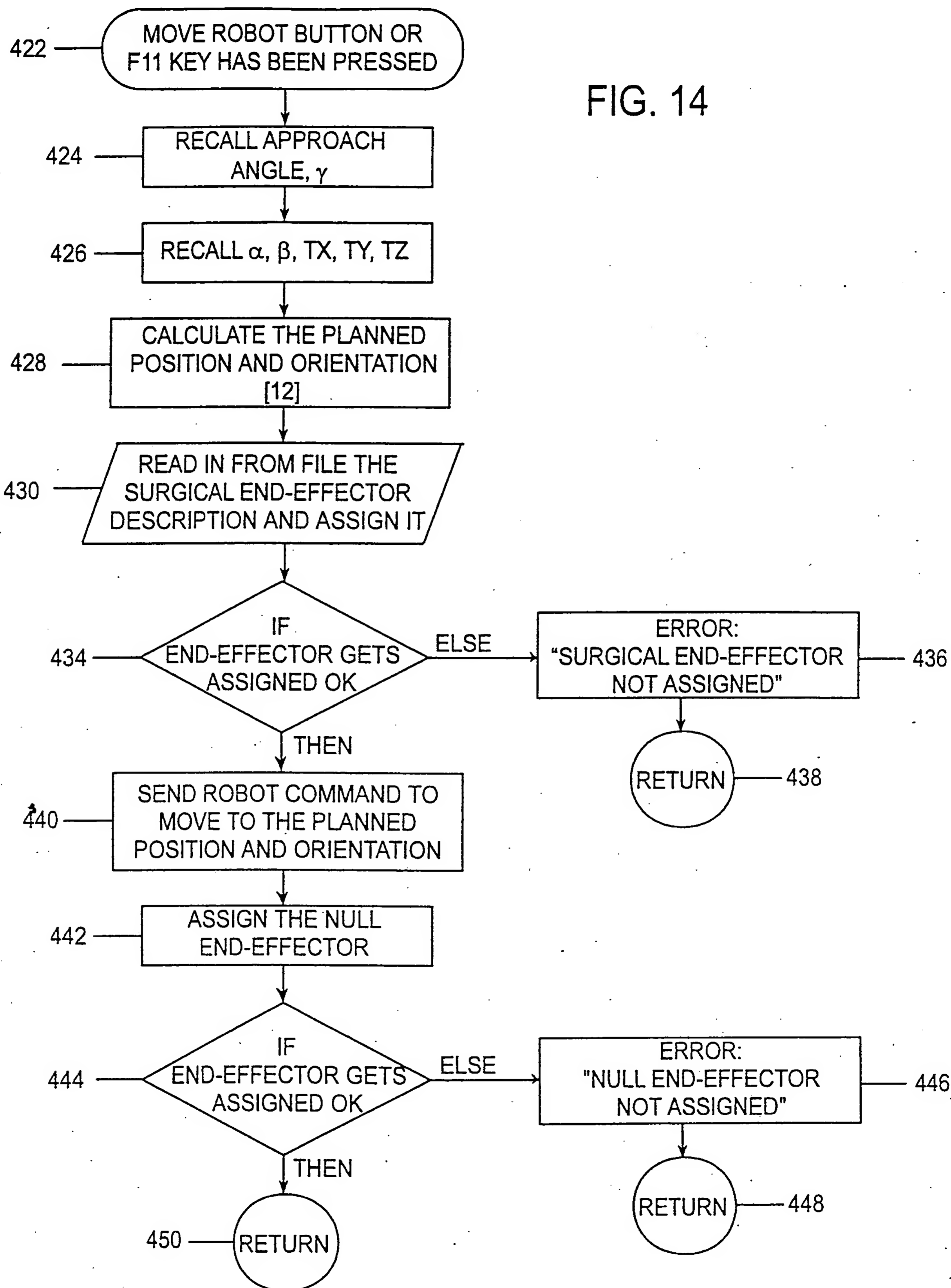
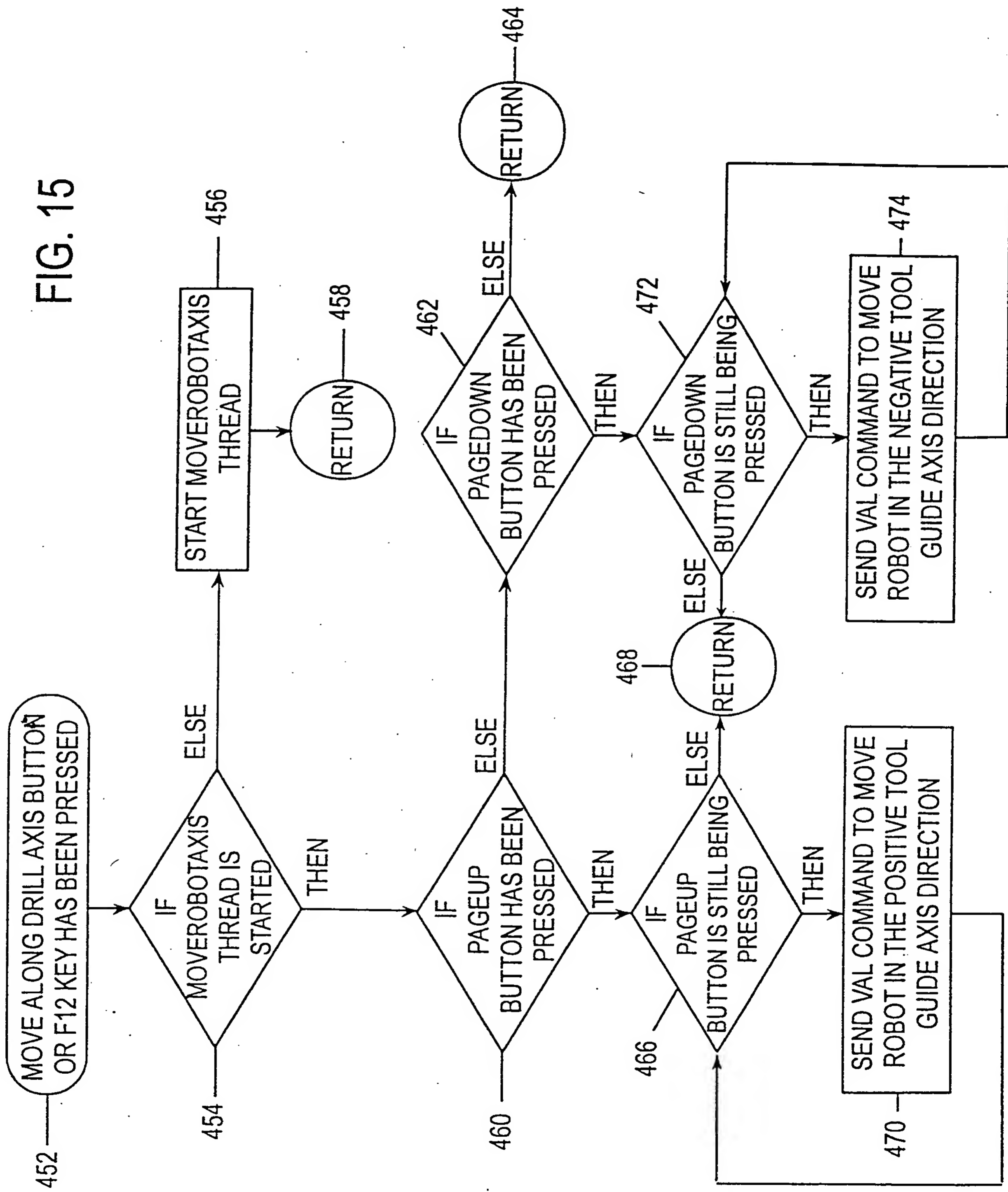


FIG. 15



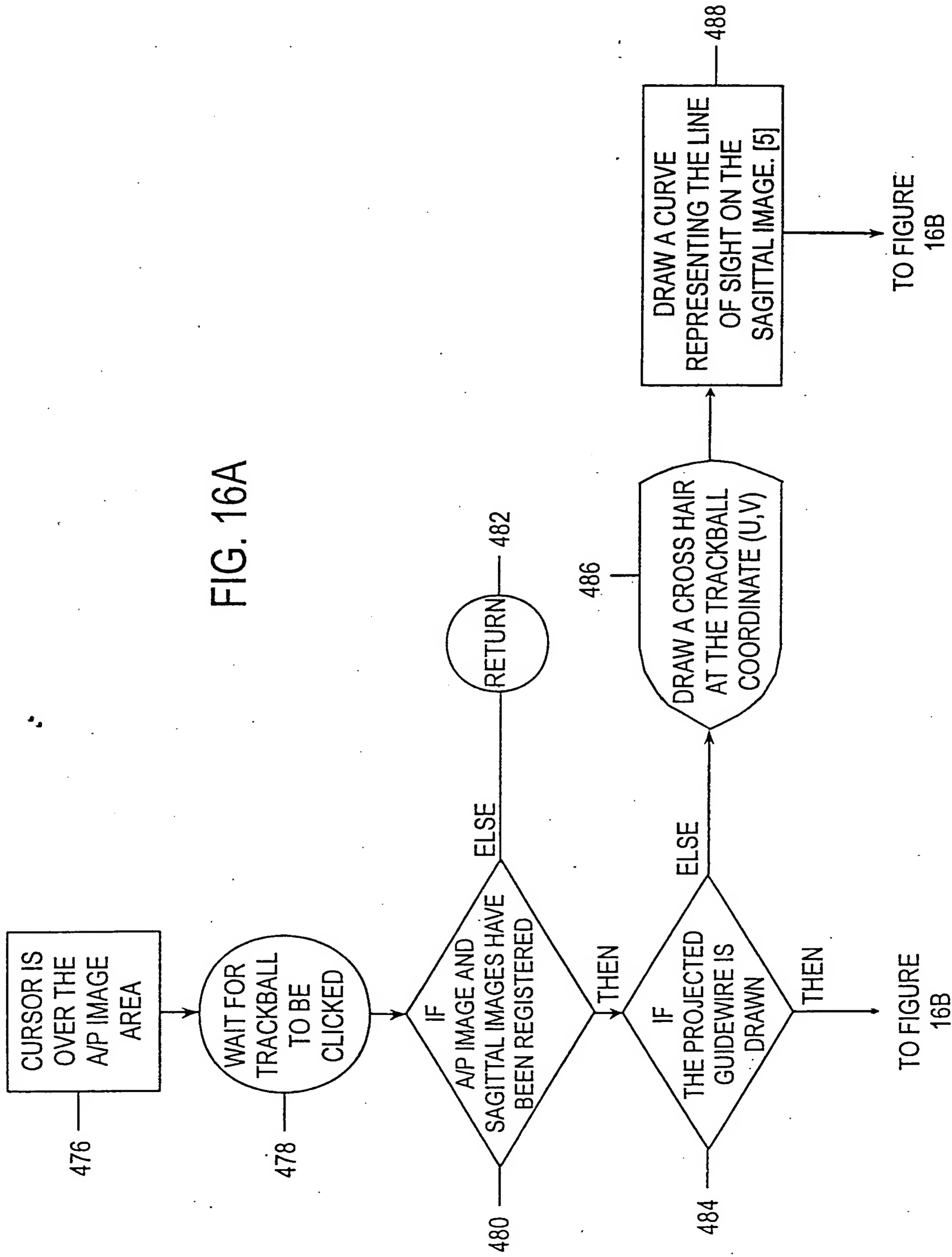


FIG. 16B

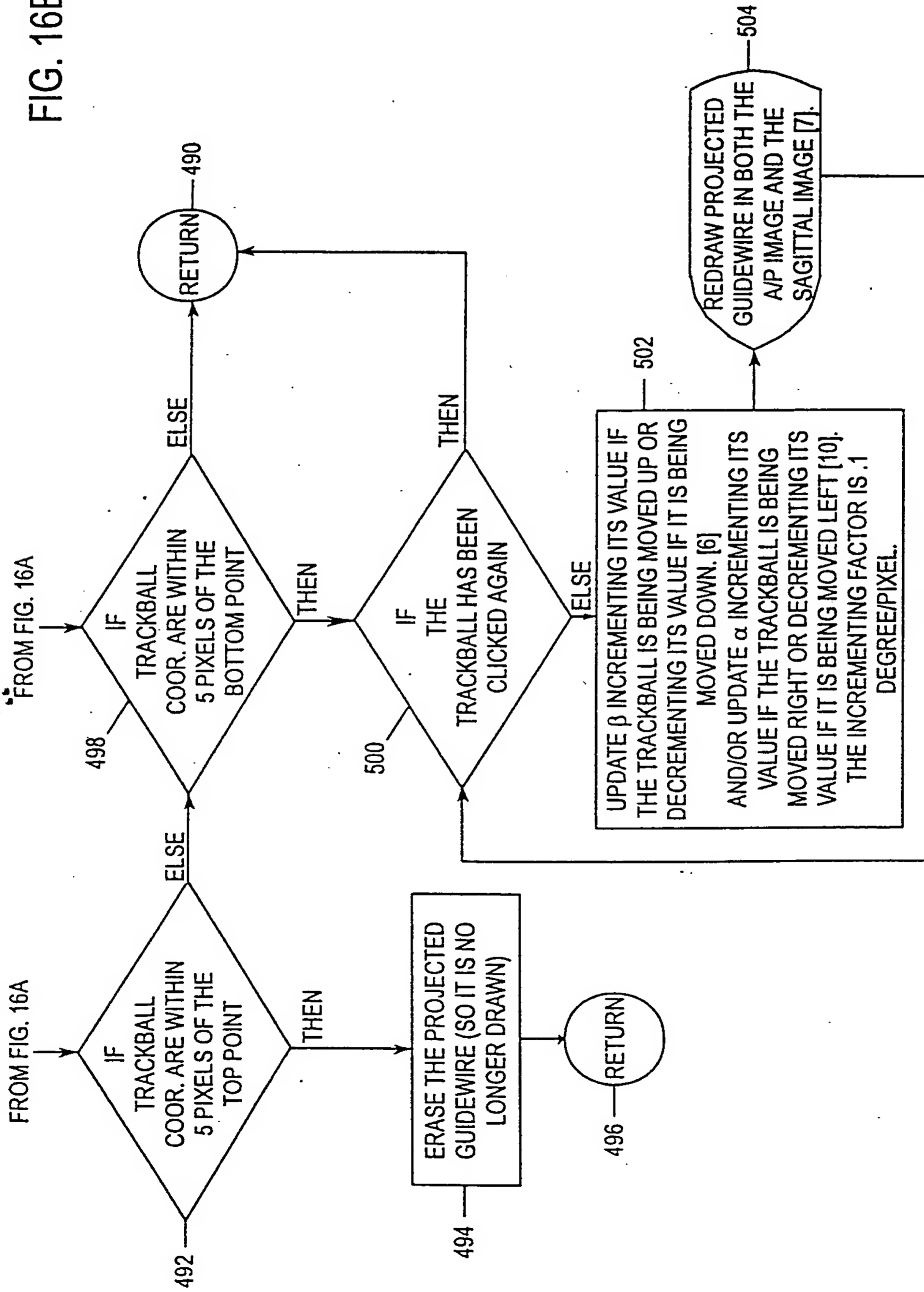


FIG. 17A

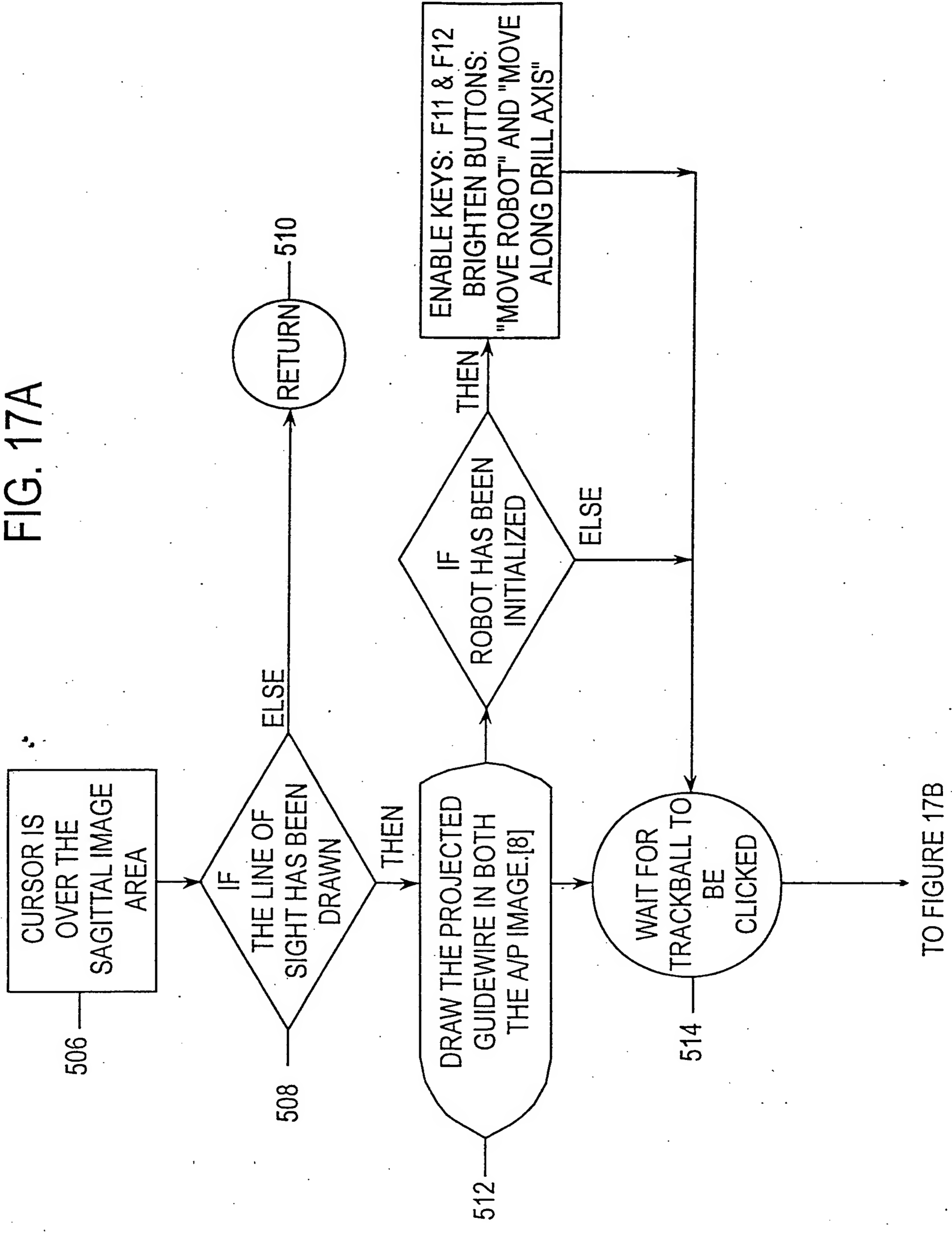




FIG. 18A

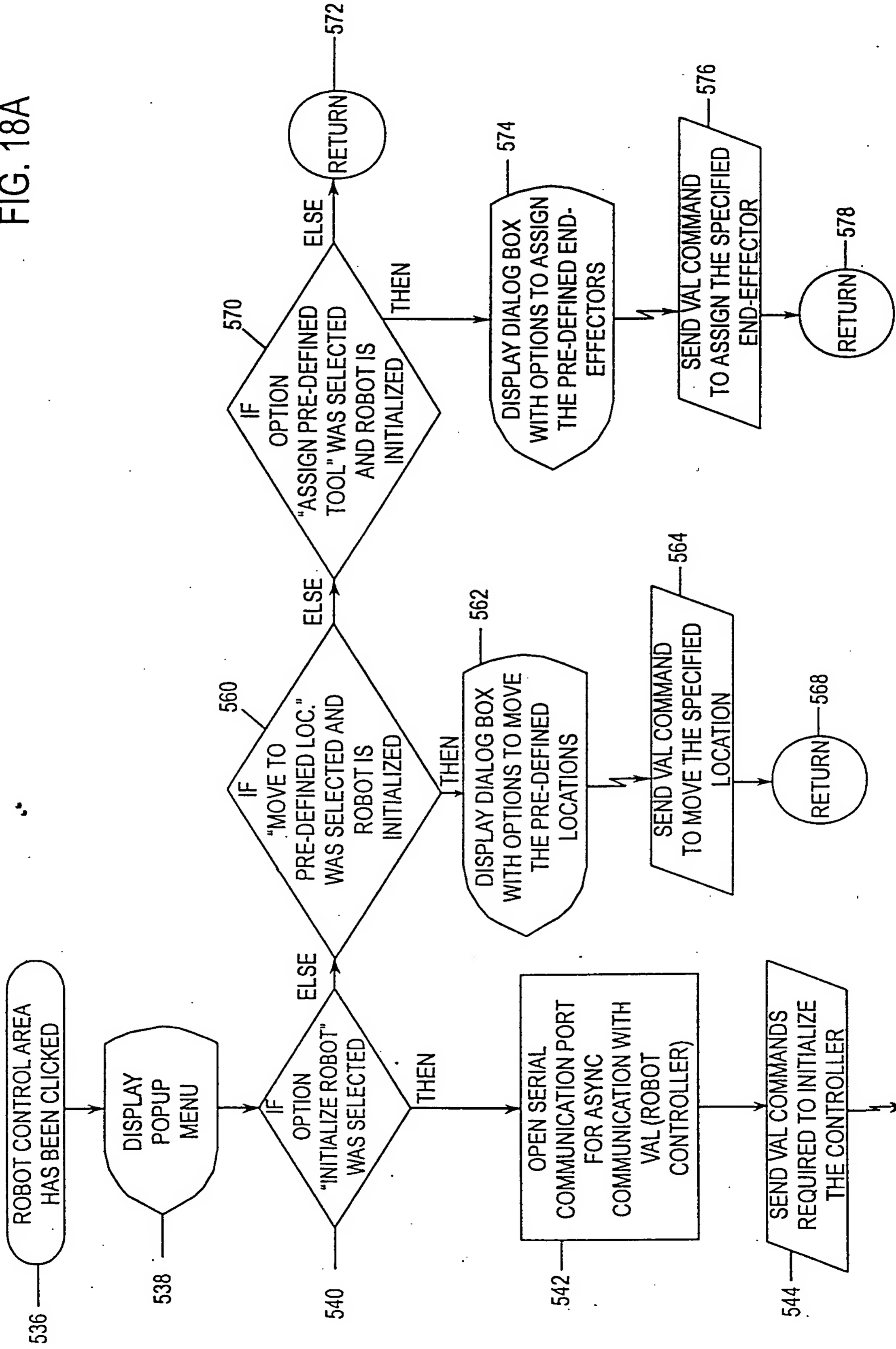


FIG. 18B

